AUTODOC CLUB

How to change spark plugs on **AUDI 90 B3 (89, 89Q, 8A)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
AUDI 90 B3 (89, 89Q, 8A) 2.0 quattro

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: VW Lupo (6X1, 6E1) 1.0

REPLACEMENT: SPARK PLUGS – AUDI 90 B3 (89, 89Q, 8A). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Electronic spray
- High-temperature anti-seize lubricant
- Torque wrench
- Drive socket # 10
- Spark plug socket # 16
- Ratchet wrench
- Fender cover

Buy tools

Replacement: spark plugs – AUDI 90 B3 (89, 89Q, 8A). AUTODOC experts recommend:

- The replacement procedure is the same for all spark plugs.
- Please note: all work on the car – AUDI 90 B3 (89, 89Q, 8A) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the hood.

2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3 Detach the connector from the ignition coil.



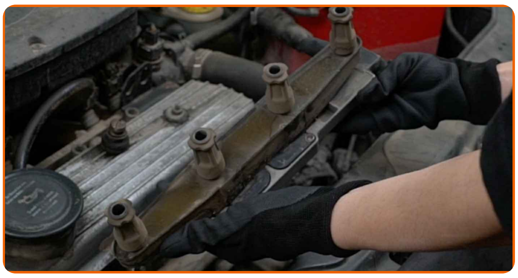
4 Clean the ignition coil bolts. Use a wire brush. Use WD-40 spray.



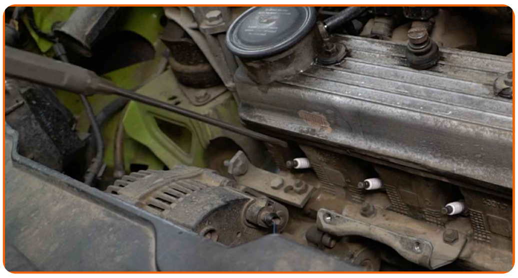
5 Unscrew the ignition coil bolts. Use a drive socket #10. Use a ratchet wrench.



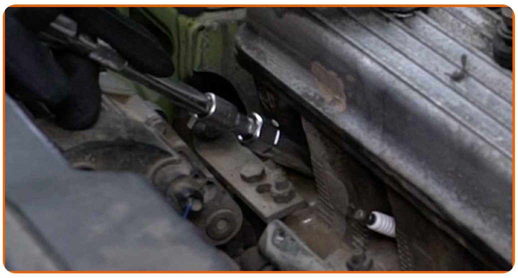
6 Remove the ignition coil.



7 Clean dirt, dust and debris from inside the spark plug wells.



8 Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.



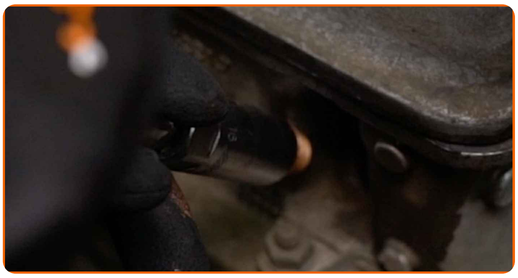
9 Take out the spark plugs.



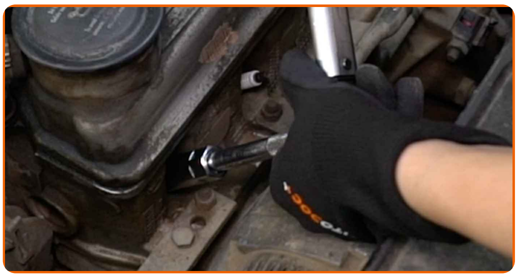
10 Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.



11 Install the new spark plugs into their mounting seats.



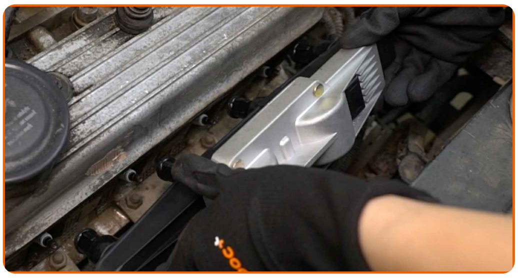
12 Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 25 nm torque.



Replacement: spark plugs – AUDI 90 B3 (89, 89Q, 8A). Tip from AUTODOC:

- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.
- Lower the spark plugs into the wells carefully, making sure not to damage the electrode gap.

13 Install the ignition coil.



14 Tighten the ignition coil bolts. Use a drive socket #10. Use a torque wrench. Tighten it to 8 Nm torque.



15 Treat the ignition coil connector with electronic spray. The spray will protect the electrical contacts from corrosion, oxidation, and will reduce the contact resistance.



16 Plug in the ignition coil connector.



17 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.

18 Shut off the engine.

19 Remove the fender protection cover.

20 Close the hood.

WELL DONE!

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